April 2014
900874-001
Rev 00

TouchTunes

PLAYDIUM Airflow Assembly FRU Installation Guide

Purpose

This document provides information about the Playdium Airflow Assembly Field-Replaceable Unit (TouchTunes p/n: 600208-001) and shows how to perform the replacement of the Airflow Assembly on a Playdium jukebox.

Audience

- TouchTunes Playdium Jukebox Operators
- TouchTunes field service and customer support

Estimated Time

15 minutes

Required Personnel

1 Technician

This document includes the following task types:

☐	Software
☑	Electrical
☑	Mechanical
☐	Packaging

Topics

- Important Safety Information
- Included in This Kit
- Removing the Core
- Removing the Previous Airflow Assembly
- Replacing the Cable (Optional)
- Installing the Replacement Airflow Assembly
- Re-installing the Core
- Finishing Up
- Contacting TouchTunes Technical Support

Important Safety Information

WARNING: When performing this procedure or any other maintenance on your jukebox, the unit must be powered off.

To be installed by experienced service personnel only, familiar with the product.

WARNING: Risk of Fire or Electric Shock. Installation of Airflow Assembly requires knowledge of this product. If not qualified, do not attempt installation.

To prevent damage including abrasion, the wiring harness shall be routed and securely held to along the outer enclosure.

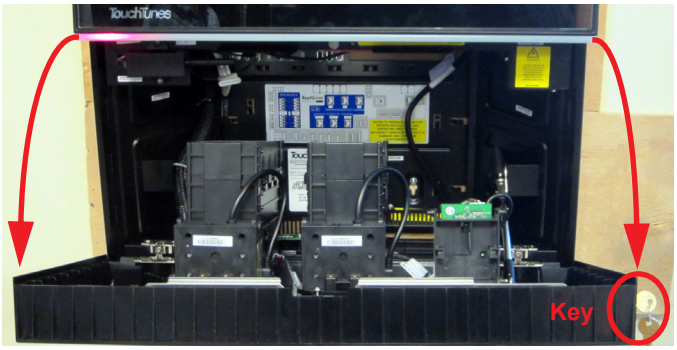
Included in This Kit

Ensure that you have received all the required parts before proceeding with this installation.

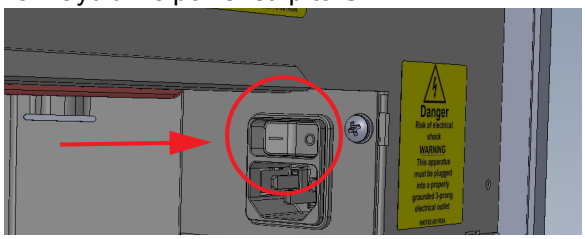
Part	Amount	TouchTunes Part #
Airflow Assembly Bracket	1	401370-001
Airflow Assembly Cable	1	300923-001
This document	1	900874-001

Removing the Core

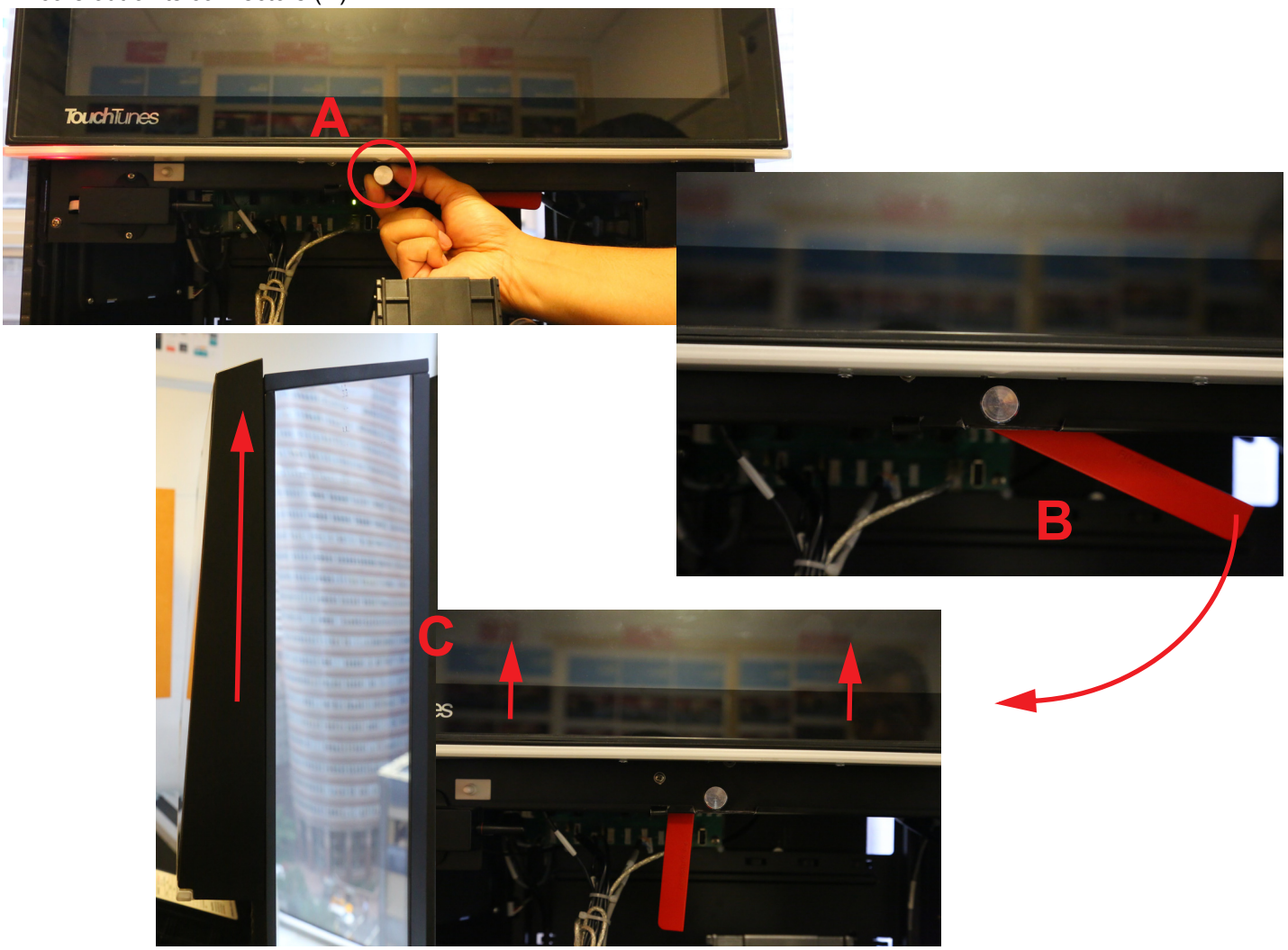
1. Unlock the payment panel and open it to reach the lever below the core.



2. Set the power rocker switch on the Playdium's power strip to **OFF**.



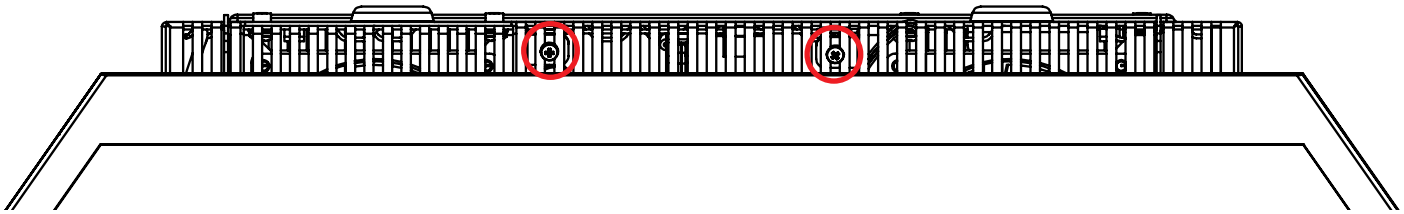
3. Pull the pin that keeps the lever from moving (**A**). Then, while still pulling on the pin, pull the lever down (**B**) to pop the core out of its connectors (**C**).



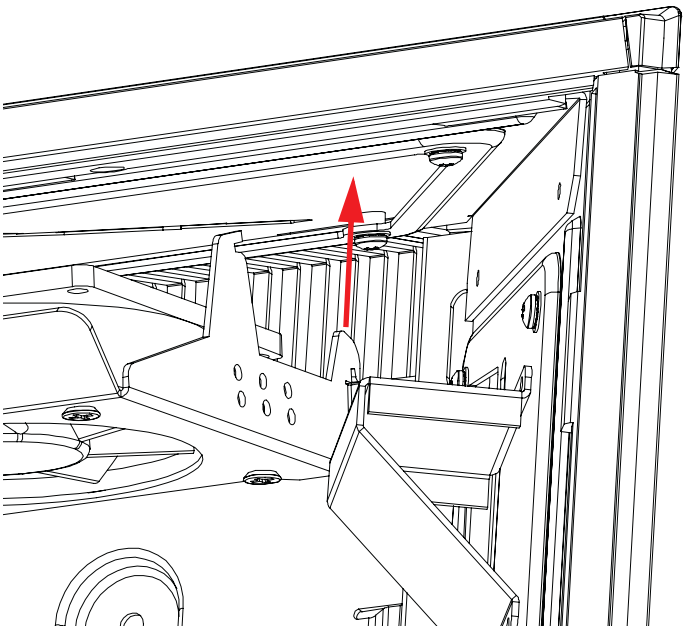
4. Lift the core, and carefully set it face down on a horizontal, flat surface (such as a table or a counter) covered by a soft cloth or similar, to avoid scratching or otherwise damaging the touch screen glass.

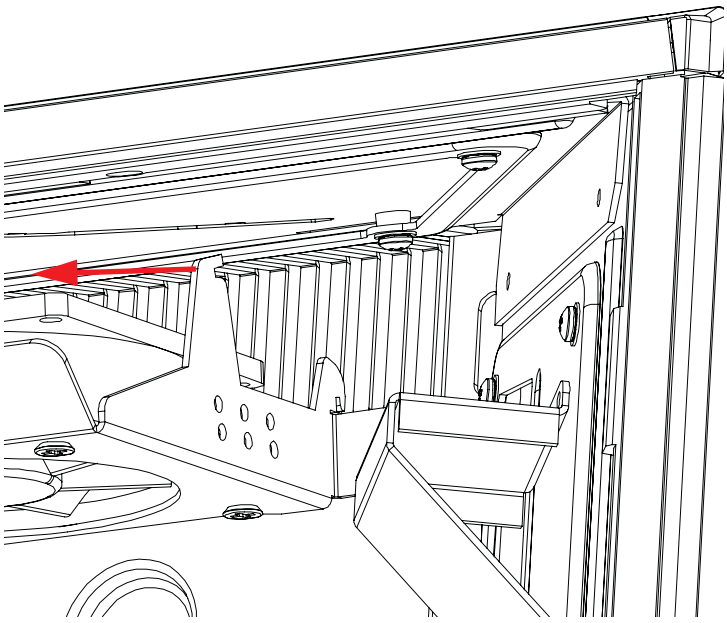
Removing the Previous Airflow Assembly

1. To remove the malfunctioning Airflow Assembly, you must first unfasten it and pull it out of place. The airflow assembly is fastened using two screws that go through the top air vents.

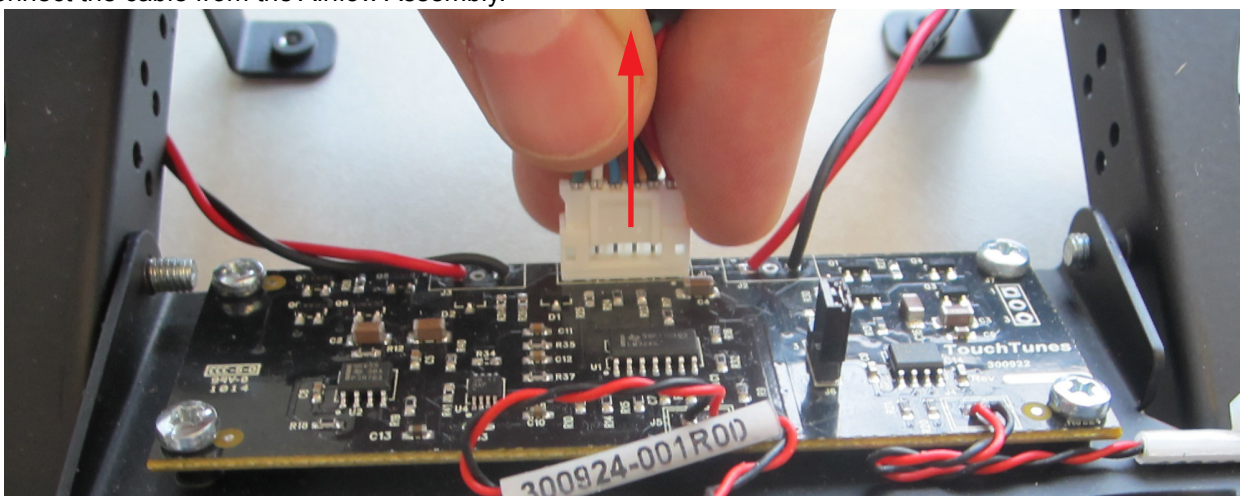


2. With the screws removed, the airflow assembly can be pulled out by first lifting the back, then pulling the bracket forward.





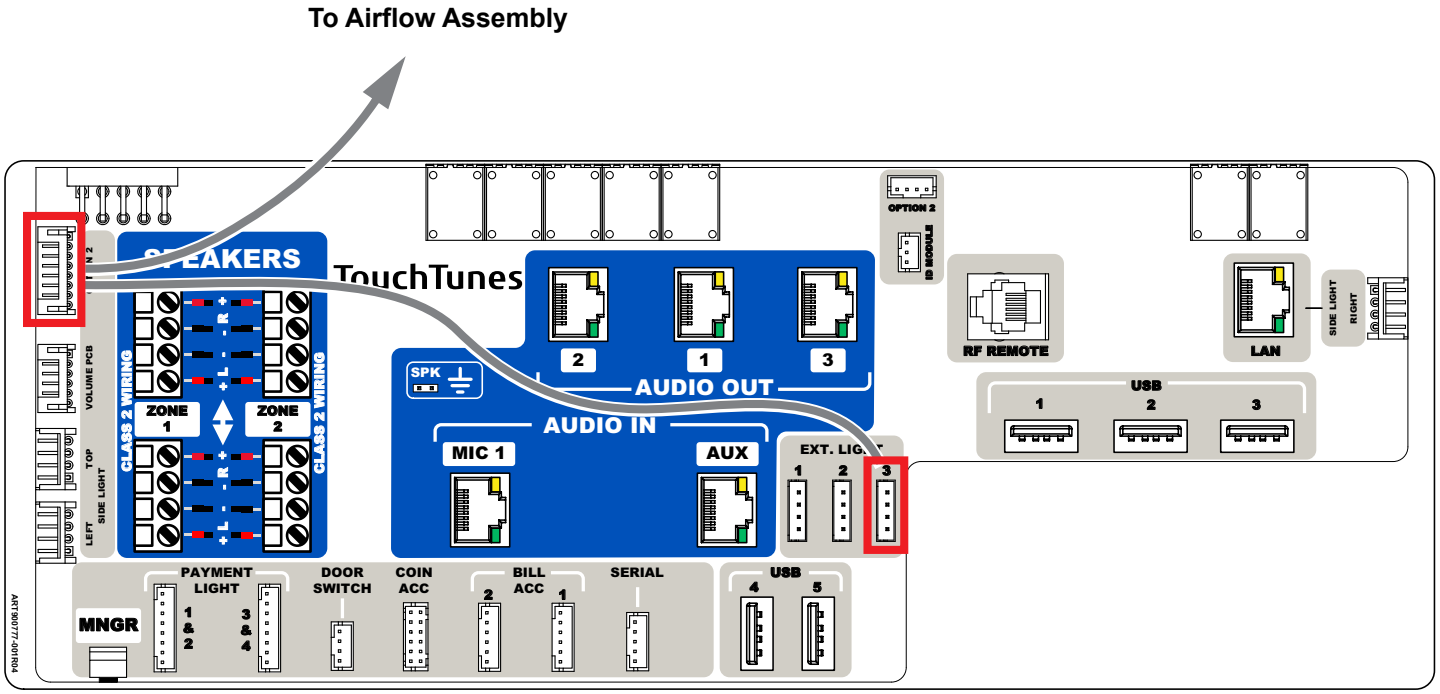
3. Disconnect the cable from the Airflow Assembly.



Replacing the Cable (Optional)

Check the cable that connects the Airflow Assembly to the Backplane, and ensure it is not damaged. If the cable is damaged, you can replace it using the cable provided with your Airflow Assembly FRU kit.

1. The cable is connected to the Backplane in two places. Disconnect the cable from these two places, and set it aside.
2. Connect the replacement cable in the same two places. The narrower connector, at the end of the cable, connects to “EXT. LIGHT 3”, while the wider connector goes into “OPTION 2”. Use the following schematic to help you to connect to the correct sockets on the backplane:

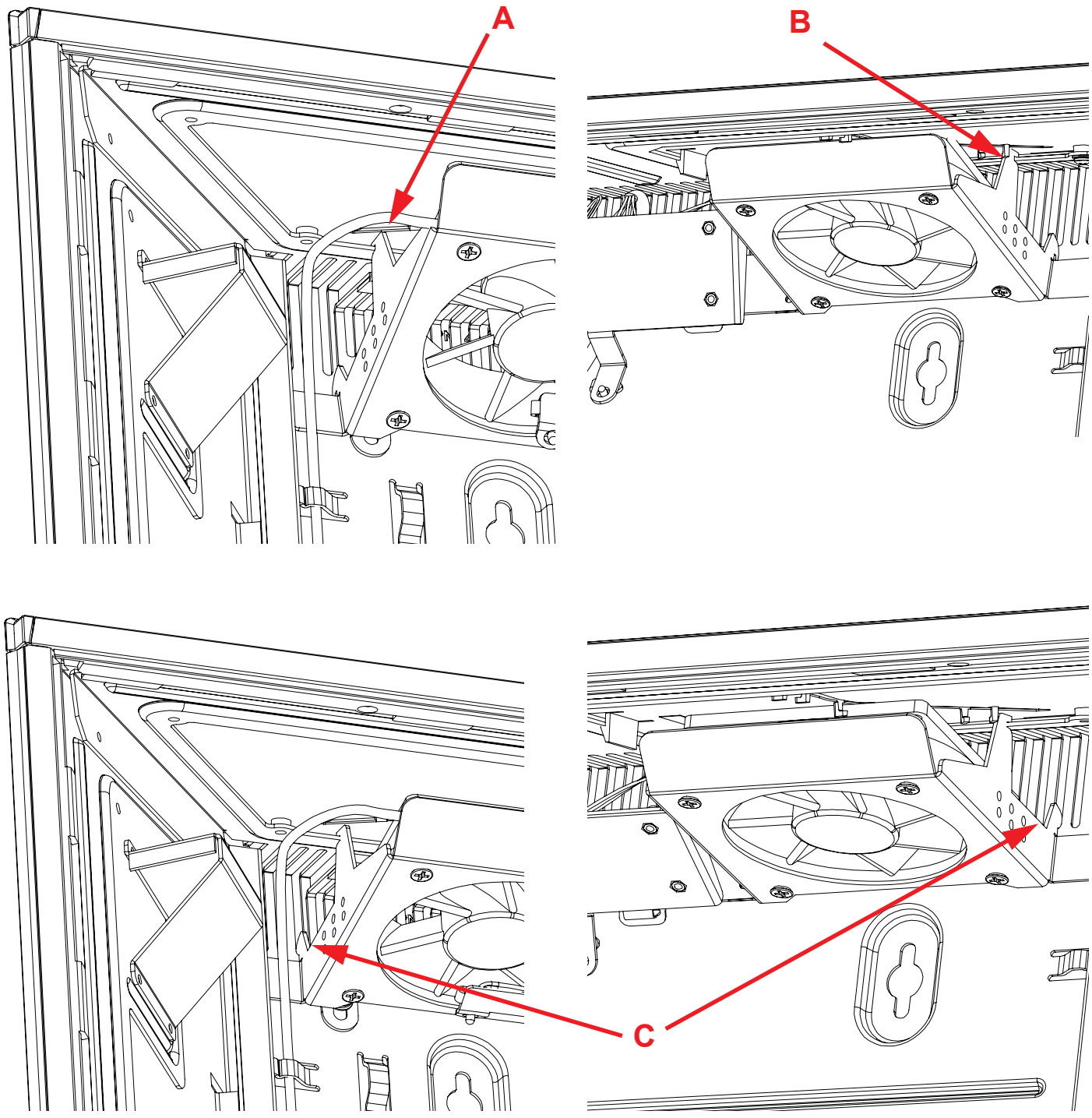


Note: The cable is labeled at each connector to help with figuring out where it connects.

3. Connect the other end of the cable to the single connector on the Airflow Assembly.

Installing the Replacement Airflow Assembly

1. Move the airflow assembly into position.

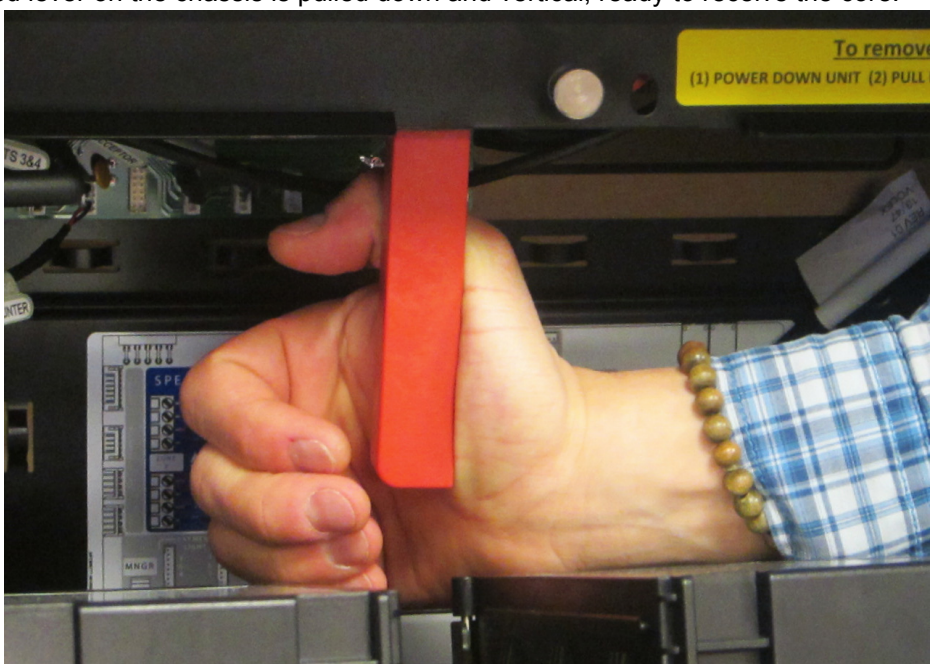


2. Hook up the top-left tab first (**A**), then the top-right (**B**).
3. Hook up the back tabs, until the assembly snaps into place (**C**).
4. Fasten the airflow assembly using the two screws you removed earlier.
5. The middle part of the airflow assembly, where the electronics are, and where the cable connects, must hang downwards, and move freely. Check that this part is not stuck or immobilized.
6. There is a velcro strip in the back of the assembly. Check that it's wrapped around the back of the assembly, and that it does not impede the movement of the moving flap, or get in the way of the fans.

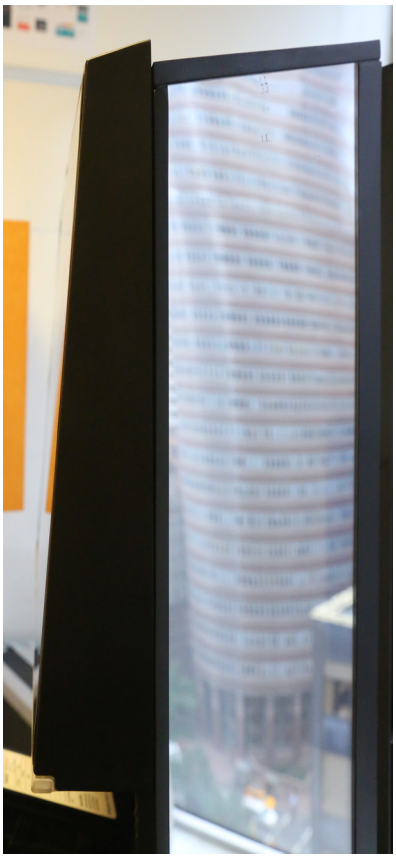
Re-installing the Core

Note: Playdium MUST be mounted vertically when docking the core. Do not attempt to dock the core while the chassis is not mounted vertically. Failure to do so could damage the core or the chassis.

1. Ensure that the red lever on the chassis is pulled down and vertical, ready to receive the core.

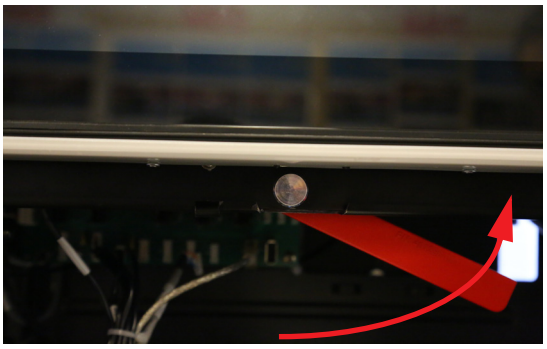


2. Lift the core, and position on the chassis, above the red lever.

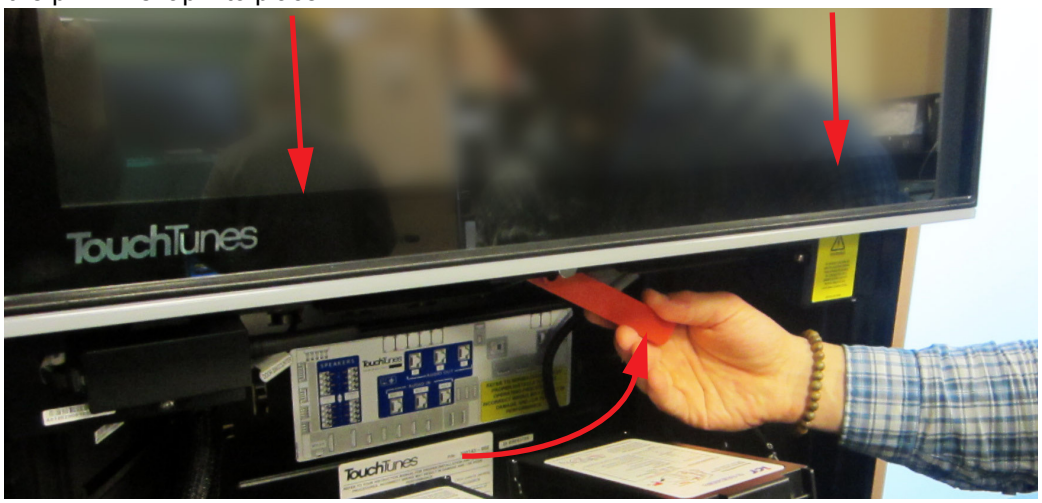


3. While holding the core in the chassis, pull the pin that holds the red lever in position, and then carefully move the red lever up.

Note: You must hold the core to prevent it from dropping suddenly when the pin is pulled, otherwise the core can fall suddenly onto the fingers that are pulling the pin.

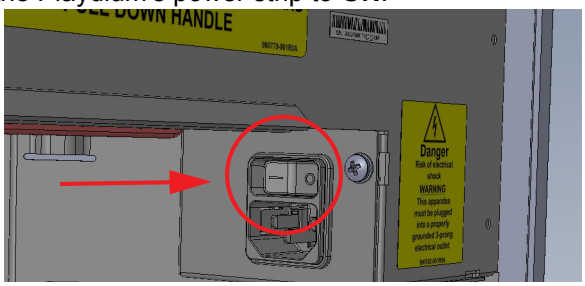


4. Once you've moved the lever enough, the pin will stay up. Release it, and use that hand to push the core into the chassis, while pushing the red lever up.
5. As you push the red lever up, the core will go down. When the red lever reaches horizontal, the core will be in its final position, and the pin will snap into place.



Finishing Up

1. Set the power rocker switch on the Playdium's power strip to **ON**.



2. As Playdium powers up, check that the fans in the Airflow Assembly spin up and are pushing air out the top of the jukebox, using your hand to feel for the air flow. After a moment, the fans will slow down or turn off, adapting to the airflow needs of the jukebox's internal components.
3. Close the payment panel by gently pulling it up and shut, then pressing on its front face to engage the locking mechanism.
4. Secure the payment panel by using the key to lock its case.

Contacting TouchTunes Technical Support

If you need help with or have questions about this document, contact TouchTunes by:

- using the e-mail links on the Contacts page on the TouchTunes Dashboard at https://operator.touchtunes.com
- calling TouchTunes 24/7 Service Hotline at 847-353-1954

To help us assist you more effectively with problem reports, this information may be required when contacting TouchTunes Support:

- Jukebox model, such as Playdium, Virtuo, Allegro MX-1, Ovation
- Jukebox ID
- the serial number of any component you believe to be defective
- the date/time of the problem
- actions performed immediately before the problem occurred
- any additional comments

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